VRC8

Universal
Learning Remote Control
User Manual

CONTENTS

Thank you for buying the **VRC8 Universal Learning Remote Control**. We are convinced that this powerful & flexible unit is able to **incorporate** the **functions** of **all your infrared remote controls**.
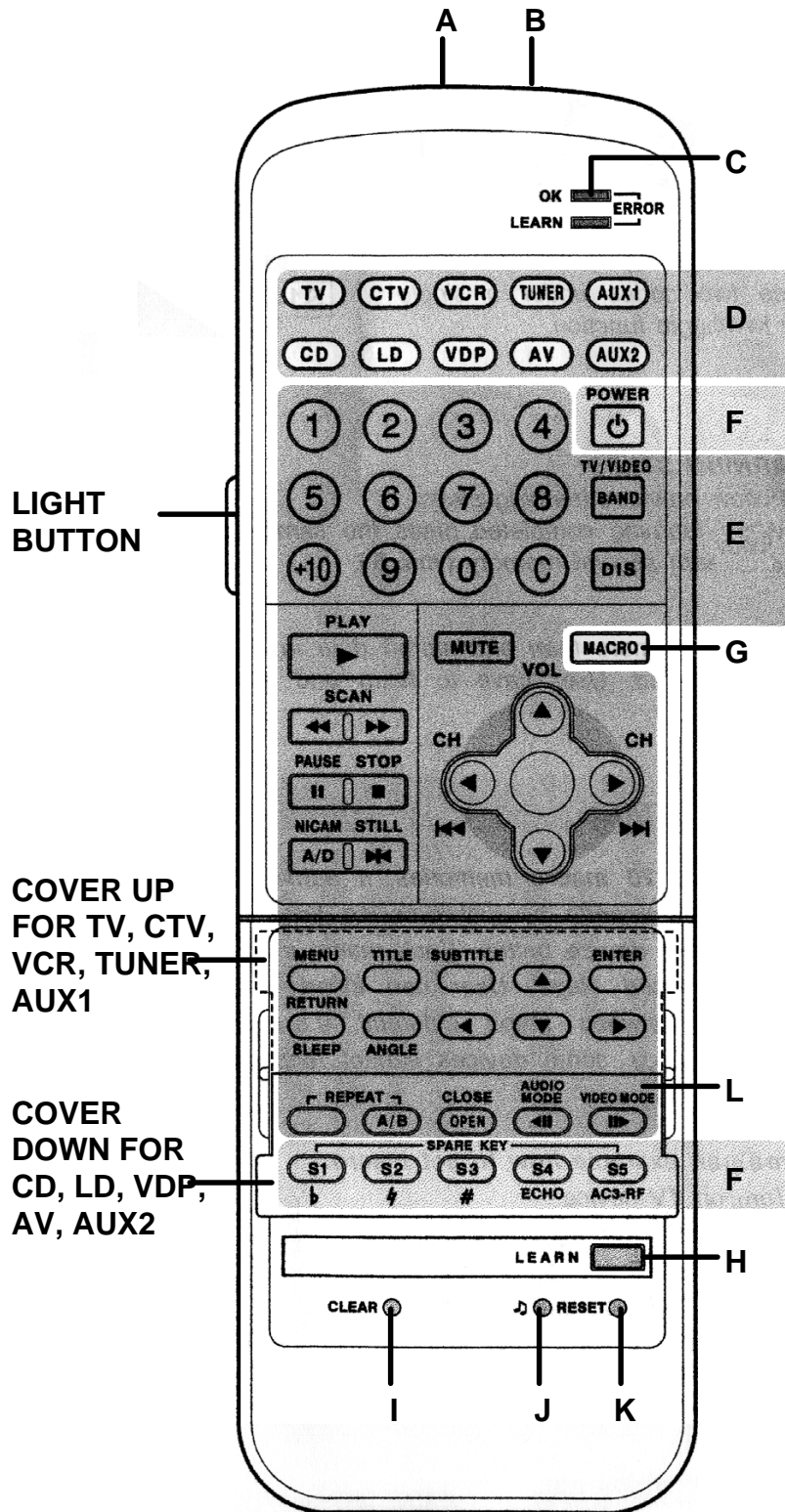
The unit is very user-friendly thanks to its unique design. The main function keys are located on the upper portion and the sub-function keys are hidden by a sliding cover.

The **VRC8** provides memory banks for **10 devices**, each device disposing of a max. of **47 storage keys (including 6 special multi-code keys)**. It also allows users to store the codes for more than 1 original remote under the same unit.

The **VRC8** is equipped with 20 macro memories. The unit automatically transmits a series of commands simply by pressing two buttons : **MACRO** & button **0 - 9** or a **device** button. Each macro memory supports a max. of 20 programmed steps. The user can insert a delay time of 1 to 99 seconds between the various steps (default 0.5 sec.). Some devices will not respond to a code if the unit is warming up.

Please read this user manual carefully and enjoy the programming procedures. You will find this unit to be quite sophisticated.

A   B

C

OK ▭ ERROR
LEARN ▭

D

TV CTV VCR TUNER AUX1

CD LD VDP AV AUX2

POWER   F
⏻

1 2 3 4

TV/VIDEO
5 6 7 8 BAND   E

+10 9 0 C DIS

LIGHT BUTTON

PLAY
▶

MUTE   MACRO   G

VOL
SCAN
◀◀ | ▶▶   CH ▲ CH

PAUSE STOP
II | ■   ◀ ▶

NICAM STILL
A/D | ▶▶I   I◀◀ ▼ ▶▶I

COVER UP FOR TV, CTV, VCR, TUNER, AUX1

MENU TITLE SUBTITLE ▲ ENTER

RETURN
◀ ▼ ▶
SLEEP ANGLE

AUDIO MODE   VIDEO MODE   L
REPEAT CLOSE
A/B OPEN ◀II II▶

COVER DOWN FOR CD, LD, VDP, AV, AUX2

SPARE KEY
S1 S2 S3 S4 S5   F
♭ ⚡ # ECHO AC3-RF

LEARN ▭   H

CLEAR ⊙   ♪ ⊙ RESET ⊙

I   J   K

A : INFRARED WINDOW

B : LIGHT SENSOR

C : LED INDICATOR

D : DEVICE BUTTONS

E : STORAGE BUTTONS

F : SPECIAL MULTI-CODE BUTTON

G : MACRO BUTTON

H : LEARN BUTTON

I : CLEAR BUTTON

J : KEY-TONE BUTTON

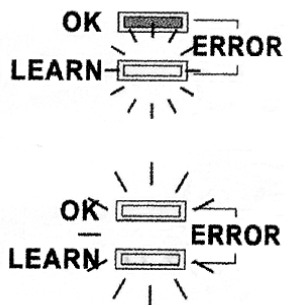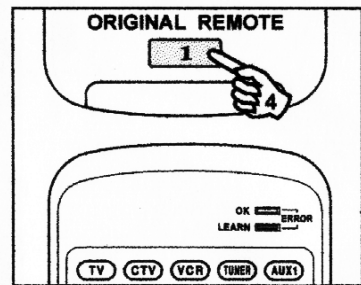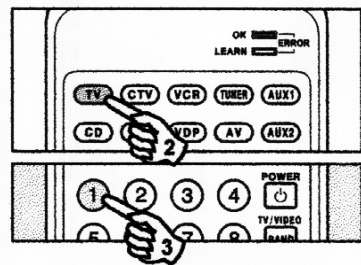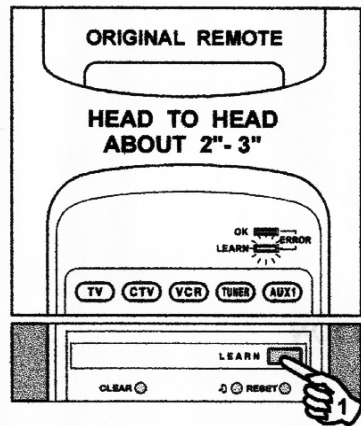**K : RESET BUTTON**

L : SLIDING COVER

INSTALLING BATTERIES

(1) Remove the battery cover.
(2) Insert 4 (AAA) batteries. Please observe the polarity.
(3) Closing the battery cover should produce an audible click.

Change batteries while the unit is OFF (red LED doesn't light up when pressing any button).

All previously stored data will be protected when the batteries are being replaced and the unit is empty.

The **VRC8** disposes of memory banks for **10 devices**. Each device can hold a max. of **41** single data (code) keys and **6 special multi-code** keys. It also allows users to store the codes for multiple original remotes by using only 1 device.

Place an original remote 'lens-to-lens' with the VRC8 infrared sensor window at a distance of about 5-8cm (2-3 inches).

1. Press the **LEARN** button to initiate the learn mode and the **red** LED will blink.

2. Press a **device** button (e.g. TV) to select the memory bank of that particular device.

3. Press the desired **storage** button (e.g. button **1**). The **red** LED will stay on. (If no data are received within **30** seconds, the LED will indicate "error" & the unit will go back to learn mode).

4. Press and **hold** the corresponding button from the original remote (e.g. button **1**) until the **green** LED comes on.

The **red** LED will blink again if the learning mode is finished. Repeat step (3) in order to program another storage button.
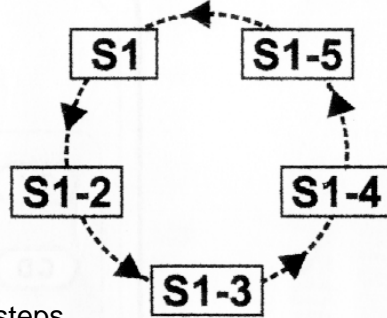
If the LED indicates '**ERROR**', (**two LEDs blinking simultaneously**), please check to see whether you have executed the steps correctly and whether the heads of the 2 remotes are lens-to-lens. Repeat step (3).

5. : The device will exit the learn mode if you press the **LEARN** button again or if you do not press any other button within 15 seconds.

SPECIAL MULTI-CODE LEARNING KEYS

The **POWER** button & buttons **S1** to **S5** are multi-code keys. Each can store 5 different codes in sequential fashion.

Some remotes have 2 separate **POWER** buttons, (e.g. POWER ON and POWER OFF). We can store these two codes under a single key as a toggle function.

LEARNING STEPS :
(1) Follow the previous learning steps.
(2) When the learning sequence is completed, press the same special key again and program the second function to be memorised (max. 5).

REMARK : If more than one memorised button in a multi-code sequence needs to be changed, the user will have to program **all** 5 codes again.

MACRO SETTING

The **VRC8** has **20 macro** memories and automatically transmits a series of commands when two buttons are pressed : either **MACRO** & button **0 - 9** or a **device** button. Each macro memory supports a max. of 20 programmed steps. The user can insert a delay time of 1 to 99 seconds in between steps (default : 0.5 seconds). Some devices will not respond to certain commands when warming up.

Here is an example of how to program a macro.
(1) Turn on the **TV**.
(2) Select the video input at the back of your **TV**.
(3) Switch on the **LD**.
(4) Open the device drawer of the **LD**… etc.
(5) Switch on the **AV** processor's amplifier (**delay 5 seconds**)
(6) Select the **AV**'s input or output source.

Press the **LEARN** and then the **MACRO** button to engage the **MACRO LEARNING MODE**. The **red** LED **will blink** & you should input **0 - 9** or press a **device** button.

STEP **1** : PRESS **TV** BUTTON

STEP **2** : PRESS **POWER** BUTTON

STEP **3** : PRESS **TV/VIDEO** BUTTON

STEP **4** : PRESS **LD** BUTTON

STEP **5** : PRESS **POWER** BUTTON

STEP **6** : PRESS **OPEN** BUTTON

STEP **7** : PRESS **AV** BUTTON

STEP **8** : PRESS **POWER** BUTTON & **HOLD**
(holding time = delay time)

STEP **9** : PRESS **AUDIO MODE** BUTTON

Press the learn button or wait 15 seconds until the remote goes back to normal. The **red** LED no longer blinks.

PROGRAMMING MACRO WITH A MULTI-CODE KEY

It is possible to use a special multi-code key to program a macro (e.g. select the fourth function of button **S1**). Press the 'S'-button 4 times in rapid succession and then perform the next step.

OPERATING THE REMOTE CONTROL

NORMAL OPERATION
(1) Select a **device** button
(2) Press the desired **storage** button, the **red** LED will flash once. The LED will not flash if no data have been stored yet.

OPERATION OF THE SPECIAL MULTI-CODE KEY
(1) Select a **device** button
(2) Press the **special multi-code** button once to transmit the **1st** memory function.
(3) Press again to transmit the **2nd**.
(4) Repeated pressing will scroll through and transmit the following memorised functions (max. 5)

MACRO OPERATION
(1) Press the **MACRO** button. You then have 2 seconds to enter the desired **macro** number (**0 - 9**) or press the **device** button in question.

IMPORTANT : When **MACRO** is pressed, the user should place the unit in the proper location, i.e. with the infrared window facing the selected A/V systems.

CLEARING STORED DATA

Upon pressing the **CLEAR** button, two LEDs will flash in turn. There are 3 ways of clearing stored data.

(a) clearing a **device** bank - press a **device** button to clear all data for a device

(b) clearing a **storage** key - press a **storage** button to clear its memory

(c) clearing a **macro** memory - press **MACRO** button and then **0 - 9** or a **device** button to clear a macro memory

The unit will automatically exit the **CLEARING MODE** if no button is pressed within 15 seconds

KEY-TONE

Pressing the **KEY-TONE** button switches between the enable/disable key-tone function.

KEY PAD BACK LIGHTING

The **VRC8** is equipped with an automatic light sensing function. When it is (getting) dark, the back light will come on for 6 seconds whenever the pad is used.

BATTERY-LOW INDICATION

If the battery is low, the unit will still operate but the **KEY BACK LIGHTING** function will be disabled in order to save power. We recommend a change of batteries at this time. As the batteries fail, the remote will lock all functions until new batteries are installed.

RESET THE VRC8

Press the RESET button to reset the unit. The RESET button, however, does not erase previously stored data.